## IAP15 Rec'd PCT/PTO 19 JUN 2006

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|   | ANSMITTAL LETTER TO   |  | ATTTORNEY'S DOCKET NUMBER GRY-144US                             |  |  |  |  |  |
|---|---|--|---|--|--|--|--|--|
|   | DESIGNATED/ELECTED ICERNING A SUBMISSIO   | •  | U.S. APPLICATION NO. 17 (100), See SPCIR 1.5) To Be Assigned    |  |  |  |  |  |
| PCT/FR200   | TIONAL APPLICATION NO.<br>14/050738   | INTERNATIONAL FILING DATE<br>20 December 2004 (20.12.2004) | PRIORITY DATE CLAIMED 19 December 2003 (19.12.2003) FR 03 51143 |  |  |  |  |  |
| TITLE OF  | TITLE OF INVENTION SURFACE-CLEANING METHOD AND DEVICE USING A LASER BEAM  |  |   |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Pierre-Yves THRO  |   |  |   |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |   |  |   |  |  |  |  |  |
| 1. 🔽  | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  |  |   |  |  |  |  |  |
| 2.  | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |  |   |  |  |  |  |  |
| 3. 🗸  | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |   |  |  |  |  |  |
| 4. 🗸  | The US has been elected (Article 31).   |  |   |  |  |  |  |  |
| 5.  | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |  |   |  |  |  |  |  |
|   | a.  is attached hereto (required only if not communicated by the International Bureau).   |  |   |  |  |  |  |  |
|   | b.  has been communicated by the International Bureau.  |  |   |  |  |  |  |  |
|   | c. is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |   |  |  |  |  |  |
| 6.  | An English language translation of the  | e International Application as filed (35 U.S.C             | . 371(c)(2)).   |  |  |  |  |  |
|   | a. is attached hereto.  |  |   |  |  |  |  |  |
|   | b. has been previously submit   | ted under 35 U.S.C. 154(d)(4).                             |   |  |  |  |  |  |
| 7. <b>✓</b>   | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |  |   |  |  |  |  |  |
|   | a. are attached hereto (required only if not communicated by the International Bureau).   |  |   |  |  |  |  |  |
|   | b. have been communicated by the International Bureau.  |  |   |  |  |  |  |  |
|   | c. have not been made; howe   | ever, the time limit for making such amendm                | nents has NOT expired.  |  |  |  |  |  |
|   | d. An have not been made and v  | vill not be made.  |   |  |  |  |  |  |
| 8. 🔲  | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |   |  |  |  |  |  |
| 9.  | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |  |   |  |  |  |  |  |
| 10.   | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).                    |  |   |  |  |  |  |  |
| Items 11 to 20 below concern document(s) or information included:   |   |  |   |  |  |  |  |  |
| 11. 🗸   | An Information Disclosure Statement   | under 37 CFR 1.97 and 1.98.                                |   |  |  |  |  |  |
| 12.   | An assignment document for recording  | ng. A separate cover sheet in compliance wi                | th 37 CFR 3.28 and 3.31 is included.                            |  |  |  |  |  |
| 13.   | A preliminary amendment.  |  |   |  |  |  |  |  |
| 14.   | An Application Data Sheet under 37 CFR 1.76.  |  |   |  |  |  |  |  |
| 15.   | A substitute specification.   |  |   |  |  |  |  |  |
| 16.   | A power of attorney and/or change of address letter.  |  |   |  |  |  |  |  |
| 17.   | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.   |  |   |  |  |  |  |  |
| 18.   | A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |  |   |  |  |  |  |  |
| 19.   | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |   |  |  |  |  |  |
| 20. 🗸   | Other items or information: Certificate of Express Mail; Unexecuted Declaration Power of Attorney; Return Receipt Post Card                                       |  |   |  |  |  |  |  |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO=(if known, see 37 CFR 1.5) ATTORNEY'S DOCKET NUMBER INTERNATIONAL APPLICATION NO. PCT/FR2004/050738 GRY-144US CALCULATIONS PTO USE ONLY The following fees have been submitted Basic national fee (37 CFR 1.492(a))......\$300 If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)... \$0 \$ All other situations.....\$200 Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)... Search fee (37 CFR 1.44(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... International Search Report prepared by an ISA other than the US. and provided to the Office or previously communicated to the US by the IB .....\$400 All other situations..... TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction RATE **Total Sheets** Extra Sheets thereof (round up to a whole number) /50 = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE - 20 = x \$50 \$ Total claims Independent claims MULTIPLE DEPENDENT CLAIM(S) (if applicable) \$360 TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½ SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = Amount to be refunded: Amount to be \$ charged: A check in the amount of \$ \_ to cover the above fees is enclosed. Please charge my Deposit Account No. in the amount of \$ \_\_\_ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t \_. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. Muy SEND ALL CORRESPONDENCE TO: Customer Number 23122 OR Kenneth N. Nigon Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482 NAME RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899 31,549

Date:

June 19, 2006

REGISTRATION NUMBER

|  | PARZUNEC GPUMPIO 19 JUN 2006  |                                 |             |                                       |  |  |
|--|---|---------------------------------|-------------|---------------------------------------|--|--|
| CERTIFICATE OF MAILI Applicant(s): Pierre-Yves T |   | L" (37 CFR 1.10)                |             | Docket No.<br>GRY-144US               |  |  |
| Serial No. 6 a                                   | Filing Date   | Examiner                        |             | Group Art Unit                        |  |  |
| To Be Assigned                                   | Herewith  |                                 |             |                                       |  |  |
| Invention: SURFACE-CLE                           | ANING METHOD AND DEV  | VICE USING A LASER B            | EAM         |                                       |  |  |
|  | <del>-</del>  |                                 |             | <del></del>                           |  |  |
| I hereby certify that the follo                  | owing correspondence:   |                                 |             |                                       |  |  |
| U.S. National Phase and                          | its enclosures.   |                                 |             |                                       |  |  |
|  |   |                                 |             |                                       |  |  |
|  |   |                                 |             |                                       |  |  |
|  |   |                                 |             |                                       |  |  |
|  |   |                                 |             |                                       |  |  |
|  | (Identify type of   | f correspondence)               | = ++        |                                       |  |  |
| CFR 1.10 in an envelope ad PCT,                  | United States Postal Service ddressed to: P.O. Box 1450, Alexandria, V. | ·                               | Address     | ee" service under 37                  |  |  |
| on June 19, 2006                                 | T.O. DOX 1400, MOXUMUNIA, V   | 77 22010 1400                   |             |                                       |  |  |
|  |   | Dennis McDermott                | of Person A | Mailing Correspondence)               |  |  |
|  | (Typed or Printed Name of Person Mailing Correspondence                 |                                 |             |                                       |  |  |
|  |   | (Signature of Pers              | on Mailing  | Correspondence)                       |  |  |
|  |   | EV 689 864 240 US               |             | :                                     |  |  |
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